

From: ["Stevenson, Peter" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP \(FYDIBOHF23SPDLT\)/CN=RECIPIENTS/CN=CA0210B9CD464B5A8779B165812DD479-STEVENSON, PETER>](mailto:Stevenson.Peter@epa.gov)
To: [Roos](#)
[Judy](#)
CC:
Date: 8/5/2014 12:06:20 PM
Subject: FW: Arrow Pipeline Spill - Fort Berthold/Missouri River's BearDen Bay

From: theodora bb [mailto:tbb58763@yahoo.com]
Sent: Thursday, July 31, 2014 8:10 PM
To: Stevenson, Peter
Subject: Arrow Pipeline Spill - Fort Berthold/Missouri River's Bear Den Bay

July 30, 2014
Peter Stevenson, On Scene Coordinator, Stevenson.peter@epa.gov
Region 8 EPA
Denver CO

re: Aero Pipeline Oil Spill, Mandaree, ND - EPA Region VIII, NRC#: 1088376, POLREP #2, Site Number: Z8FL, www.epaossc.org/aeropipeline, Latitude: 47.7300000, Longitude: -102.6756000.
(otherwise known as the Arrow Pipeline spill north of Mandaree North Dakota, along the Missouri River's Bear Den Bay – and on the Fort Berthold Indian Reservation).

Peter Stevenson:

I'm a longtime, permanent resident of Mandaree and a tribal member enrolled at Fort Berthold. As a surface and mineral owner, I'm concerned about any oil & gas damages, including pipeline spills, to tribal lands and any immediate or long-term associated adverse impacts to human health in Mandaree residents and on the Fort Berthold Indian Reservation in western North Dakota.

I'm writing you to request an update. According to your latest online report, July 10, 2014, of the Arrow ("Aero") Pipeline spill:

“The (pipe)line carries condensate/brine /oil off the reservation to a treatment plant...The estimate of spillage is 24,000 barrels of brine and condensate. The majority of it is estimated to have pooled on the ground, soaked into the soil, and hung up behind 3 beaver dams....I saw little evidence of oil, but will continue ground investigation today, if allowed.”

The Arrow Pipeline Spill

- 1) In terms of barrels, what is EPA’s most current estimate - or confirmed volume - of the Arrow pipeline spill today?
- 2.) If the pipeline fluid spill was oil & gas brine or ‘saltwater’ - or contained brine/saltwater - what was the measured **salinity level** of the Arrow pipeline spill?
- 3) The unconventional oil and gas fluid wastes are potentially radioactive. Was the Arrow pipeline fluid spill also **radioactive**?
 - Was the Arrow pipeline fluid spill measured for radioactivity?
 - If so, what was the radioactivity level of the sample?
 - Who measured the radioactivity level of the pipeline fluid spill?
- 4) Your report documents that the Arrow pipeline was used for “condensate/brine /oil.” What kind of ‘condensate’ was spilled in the Arrow pipeline failure?

Arrow pipeline spill and the Missouri River’s Bear Den Bay?

- 5) Did the Arrow pipeline fluid spill contaminate the Bear Den Bay water of the Missouri River?
- 6) If not, due to the volume, does the EPA anticipate – or project – that the Arrow pipeline spill contents will reach the Bear Den Bay water of the Missouri River in the future?

EPA’s role in the Arrow Pipeline spill

- 7) Your July 10, 2014 report says, “....will continue ground investigation today, if allowed.”

- What were the parameters of the EPA investigation of the Arrow pipeline spill?
- Who established the parameters of the EPA investigation for the pipeline spill?
- Is the EPA currently allowed to monitor the after-impacts of the Arrow pipeline spill to the land and waters of the Missouri River?
- Will EPA have an active future role in monitoring and measuring any continuing dispersal of the pipeline spill - in the land subsurface or in the waters of the Missouri River, specifically the Bear Den Bay?

8) Was EPA able to independently verify the actual:

- volume (barrels) of the pipeline spill
- fluids in the Arrow pipeline spill
- salinity level of the pipeline spill
- the radioactivity level of the pipeline fluid spill – if any?
- condensate in the Arrow pipeline spill

9) Or, are EPA reports on the Arrow Pipeline spill only based upon what the pipeline company – or other sources - are reporting to the EPA?

- If so, please name all the **sources** of the data in the current EPA reports for this Arrow pipeline spill.

As a Mandaree landowner and mineral owner, I expect the EPA to be able to independently and objectively investigate any oil and gas spills on tribal and allottee lands of Fort Berthold – free from the influence of both the oil & gas industry and any current tribal administration.

Thank you - and please respond to this email.

Theodora Bird Bear

Mandaree ND

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